

## ABSTRACT

A viewport lens displays registered information registered using embedded data. An image capture device captures an image from the substrate that includes embedded data.

5 The embedded data in the captured image is decoded to create information regarding the substrate, such as location, orientation, or a label. Based on the information regarding the substrate, information is generated that is registered with the substrate. In one embodiment, the information is registered with the substrate by optically combining the generated information with substrate information in a viewport lens.